

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

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GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

01/26/2012

Elle Rackemann
Assistant District Attorney, Suffolk County

Dear ADA Rackemann,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]
Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Nicole Medina.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Nicole Medina analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".

Annie Dookhan
Chemist
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6622

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry

University of Massachusetts, Boston, Ma, Bachelor of Science

Major: Biochemistry

Minor: Economics

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

*Writing of the Standard Operating Procedures (SOPs) and Protocols.

*Responsible for the Quality Control and Quality Assurance of analytical instruments, reagents and controls/standards.

*Maintenance and repairs of analytical instruments.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court.

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health.

*Notary Public.

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MBL Quality Control and Quality Assurance Department for the Food and Drug Administration.

*Method Development for creating new techniques for the QC Dept. and FDA.

*Writing, revising and reviewing the Standard Operating Procedures (SOPs).

*Trained and supervised new chemists and interns for the department.

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Courses:

Department of Justice – Forensics Professionals

Introduction to Forensic Drug Chemistry

Chemical Spot Test and Mechanism for Illicit Drugs

Forensic Mass Spectrometry

Forensic Science 101: An Introduction

Fundamentals of Forensic Questioned Documents

Perspectives in Expert Testimony

Evidence Analysis

Ethics in Forensic Science

Transition to Leadership

Fundamentals of Forensic Toxicology

Additional Trainings:

Good Laboratory Practice/Good Manufacturing Practice (GLP/GMP) training with Massachusetts Biologic Laboratory.

Quality Control/Quality Assurance (QC/QA) training according to FDA Codes and Regulations.

Gas Chromatography (GC) and Gas Chromatography/Mass Spectrometry (GC/MS) trainings with Agilent Technologies and Restek.

High Power Liquid Chromatography (HPLC) and HPLC/MS/MS trainings with Waters Cooperation.

Fourier Transform Infrared Spectroscopy (FTIR) training with Spectros and Spectrum One.

Ultraviolet-Visible Spectroscopy (UV-Vis) training with Agilent Technologies and Beckman.

Total Organic Carbon Analyzer (TOC) training with MBL and Sievers.

Associations:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Nicole E. Medina

Education

Bachelor of Science, Chemistry (1995)

Emmanuel College, Boston, MA

Research Project: (1994)

In-Vivo Mapping of Cocaine Metabolites in Biological Fluids

Conducted at Massachusetts State Police Crime Lab, Toxicology Department

Employment

Chemist II State Laboratory Institute (March 2008-Present)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substances and trafficking substances to determine violation of the Massachusetts drug laws
- Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis

Chemist I State Laboratory Institute (2004-March 2008)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis
- Successfully completed an eight week training in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2005.

Research Associate

(September 2001 – October 2004)

Wolfe Laboratories, Newton & Watertown, MA

Laboratory Technician

(January 1996 - April 1997)

Gillette, Boston, MA

The Commonwealth of Massachusetts

Executive Office of Health and Human Services

Department of Public Health

State Laboratory Institute

Boston Drug Laboratory

Tel (617) 983-6622

Fax (617) 983-6625

Amherst Drug Laboratory

Tel (413) 545-2601

Fax (413) 545-2608

Boston Hours

8:00 – 11:00

2:00 – 4:00

Amherst Hours

9:00 – 12:00

1:00 – 3:00

DRUG RECEIPT

City or Department: Boston

Police Reference No.: 

Name and Rank of Submitting Officer: PO Sybil White 11064

Defendant(s) Name (last, first, initial):



To be completed by Submitter
Description of Items Submitted

To be completed by Lab Personnel
Gross Weight Lab Number

5 pills 9.28 gm

5 pills 13.63 gm

4 pills 9.17 gm

39 pills 49.97 gm

AKL

RESUBMITTED TO BE TESTED

Received by: 

Date: 7.13.11

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
State Laboratory Institute

Boston Drug Laboratory
Tel (617) 983-6622
Fax (617) 983-6625

Boston Hours
8:00 – 11:00
2:00 – 4:00

Amherst Drug Laboratory
Tel (413) 545-2601
Fax (413) 545-2608

Amherst Hours
9:00 – 12:00
1:00 – 3:00

DRUG RECEIPT

City or Department: Boston Police Reference No.: [REDACTED]

Name and Rank of Submitting Officer: PO Stephen White 11064

Defendant(s) Name (last, first, initial):
[REDACTED]

To be completed by Submitter
Description of Items Submitted

To be completed by Lab Personnel
Gross Weight Lab Number

5 pills	9.28 gm		
5 pills	13.63 gm		
4 pills	9.17 gm		
39 pills	49.97 gm		
ALL			
RESUBMITTED TO BE TESTED			

Received by: [Signature] Date: 7.13.11

No. [REDACTED] Date Analyzed: 09/19/11
City: Boston D.C.U. Police Dept.
Officer: P.O. SYBIL WHITE
Def: [REDACTED]
Amount: 5.0 Subst: TABS
No. Cont: 1 Cont: pb
Date Rec'd: 07/13/2011 No. Analyzed:
Gross Wt.: 9.28 Net Weight:
Tests: 1 ASD
2DEM
Prelim: clonidine
Findings: Clonidine
E

No. [REDACTED] Date Analyzed: 09/19/11
City: Boston D.C.U. Police Dept.
Officer: P.O. SYBIL WHITE
Def: [REDACTED]
Amount: 5.0 Subst: TABS
No. Cont: 1 Cont: pb
Date Rec'd: 07/13/2011 No. Analyzed:
Gross Wt.: 13.63 Net Weight:
Tests: 1 ASD
2DEM
Prelim: gabapentin
Findings: Gabapentin
E

No. [REDACTED] Date Analyzed: 09/19/11
City: Boston D.C.U. Police Dept.
Officer: P.O. SYBIL WHITE
Def: [REDACTED]
Amount: 4.0 Subst: TABS
No. Cont: 1 Cont: pb
Date Rec'd: 07/13/2011 No. Analyzed:
Gross Wt.: 9.17 Net Weight:
Tests: 1 ASD
2DEM
Prelim: clonidine
Findings: Clonidine
E

No. [REDACTED] Date Analyzed: 09/19/11
City: Boston D.C.U. Police Dept.
Officer: P.O. SYBIL WHITE
Def: [REDACTED]
Amount: 39.0 Subst: TABS
No. Cont: 1 Cont: pb
Date Rec'd: 07/13/2011
Gross Wt.: 49.97
No. Analyzed:
Net Weight:
Tests: 1 ASD
2DEM

Prelim: gabapentin
Findings: Gabapentin
E

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST ASJ

No. of samples tested: Evidence Wt.

PHYSICAL DESCRIPTION:

5 white round tablet
in 1 pb

Gross Wt ():

Gross Wt ():

Pkg. Wt:

Net Wt: 0.4595



PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate ()

Marquis

Froehde's

Mecke's

Microcrystalline Tests

Gold
Chloride

TLTA ()

OTHER TESTS

Muonexor A+ (+)

PRELIMINARY TEST RESULTS

RESULTS clonidine

DATE 08-31-11

GC/MS CONFIRMATORY TEST

RESULTS clonidine

MS
OPERATOR DEM

DATE 9-19-11

Drug Information

DRUG NAME: CLONIDINE HYDROCHLORIDE

INGREDIENTS: CLONIDINE HYDROCHLORIDE -- 0.1 MG

Color: White

Shape: Circle

Imprint: MYLAN 152

Form: Oral Tablet

Available-Container-Size: Strip of 90 , Strip of 25 , Bottle of 100 , Bottle of 1000 , Strip of 1 , Strip of 30 , Strip of 100

AAPCC Code: 201081 - Clonidine

NDC: 51079-0299-62

51079-0299-19

00378-0152-01

00378-0152-10

51079-0299-01

51079-0299-63

51079-0299-66

51079-0299-17

51079-0299-20

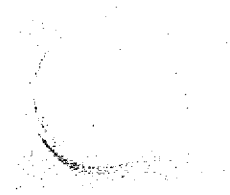
Excipients: Ammonium Chloride ; Silicon Dioxide, Colloidal ; Croscarmellose Sodium (Type A) ; Magnesium Stearate ; Cellulose, Microcrystalline ; Sodium Lauryl Sulfate

Regulatory Status: RX

Availability: United States

Product ID 5150133

Contact: Mylan Pharmaceuticals



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DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST ASD

No. of samples tested: Evidence Wt.

PHYSICAL DESCRIPTION:

3 white oval tablets
in bag

Gross Wt ():

Gross Wt ():

Pkg. Wt:

Net Wt: 4.8404

84443

600

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate ()

Marquis

Froehde's

Mecke's

Microcrystalline Tests

Gold
Chloride

TLTA ()

OTHER TESTS

Monomer A/P

PRELIMINARY TEST RESULTS

RESULTS gabapentin

DATE 08-31-11

GC/MS CONFIRMATORY TEST

RESULTS gabapentin

MS
OPERATOR DEM

DATE 9-19-11

Drug Information

DRUG NAME: GABAPENTIN

INGREDIENTS: GABAPENTIN -- 600 MG

Color: White

Shape: Oval

Imprint: Hourglass 4443 600
Imprinted with a hourglass logo and 4443 on one side and 600 on the reverse side. , 4443 Imprinted with a hourglass logo and 4443 on one side and 600 on the reverse side. , 600

Form: Oral Tablet

Available-Container-Size: Bottle of 100 , Strip of 100 , Bottle of 1000 , Bottle of 500

AAPCC Code: 077730 - Other Types of Anticonvulsant (Excluding Barbiturates)

NDC: 0093-4443-01

0093-4443-05

0172-4443-60

0172-4443-10

0172-4443-80

0172-4443-70

0093-4443-10

Excipients: Lactose (Monohydrate) ; Cellulose, Microcrystalline ; Polyethylene Glycol

Regulatory Status: RX

Availability: United States

Product ID 6738342

Contact: Teva Pharmaceuticals

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DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST AS?

No. of samples tested:

Evidence Wt.

PHYSICAL DESCRIPTION:

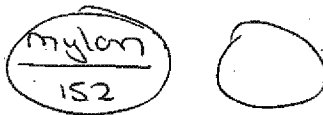
4 white round tablet
17 ipb

Gross Wt ():

Gross Wt ():

Pkg. Wt:

Net Wt: 0.3679



PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate ()

Marquis

Froehde's

Mecke's

Microcrystalline Tests

Gold
Chloride

TLTA ()

OTHER TESTS

Muonidesc A/P

PRELIMINARY TEST RESULTS

RESULTS clonidine

DATE 08-31-11

GC/MS CONFIRMATORY TEST

RESULTS clonidine

MS
OPERATOR nem

DATE 9-19-11

Drug Information

DRUG NAME: CLONIDINE HYDROCHLORIDE

INGREDIENTS: CLONIDINE HYDROCHLORIDE -- 0.1 MG

Color: White

Shape: Circle

Imprint: MYLAN 152

Form: Oral Tablet

Available-Container-Size: Strip of 90 , Strip of 25 , Bottle of 100 , Bottle of 1000 , Strip of 1 , Strip of 30 , Strip of 100

AAPCC Code: 201081 - Clonidine

NDC: 51079-0299-62

51079-0299-19

00378-0152-01

00378-0152-10

51079-0299-01

51079-0299-63

51079-0299-66

51079-0299-17

51079-0299-20

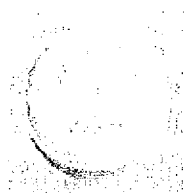
Excipients: Ammonium Chloride ; Silicon Dioxide, Colloidal ; Croscarmellose Sodium (Type A) ; Magnesium Stearate ; Cellulose, Microcrystalline ; Sodium Lauryl Sulfate

Regulatory Status: RX

Availability: United States

Product ID 5150133

Contact: Mylan Pharmaceuticals



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DRUG POWDER ANALYSIS FORM

SAMPLE #



AGENCY Rosier

ANALYST AS9

No. of samples tested: _____

Evidence Wt. _____

PHYSICAL DESCRIPTION:

39 white oval tablet
in pb

Gross Wt (): _____

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: 37.9467

600

84443

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate () _____

Marquis _____

Froehde's _____

Mecke's _____

Microcrystalline Tests

Gold
Chloride _____

TLTA () _____

OTHER TESTS

Monomelic AIP

PRELIMINARY TEST RESULTS

RESULTS gabapentin

DATE 08-31-11

GC/MS CONFIRMATORY TEST

RESULTS gabapentin

MS
OPERATOR Nem

DATE 9-19-11

Drug Information

DRUG NAME: GABAPENTIN

INGREDIENTS: GABAPENTIN -- 600 MG

Color: White

Shape: Oval

Imprint: Hourglass 4443 600
Imprinted with a hourglass logo and 4443 on one side and 600 on the reverse side. , 4443 Imprinted with a hourglass logo and 4443 on one side and 600 on the reverse side. , 600

Form: Oral Tablet

Available-Container-Size: Bottle of 100 , Strip of 100 , Bottle of 1000 , Bottle of 500

AAPCC Code: 077730 - Other Types of Anticonvulsant (Excluding Barbiturates)

NDC: 0093-4443-01

0093-4443-05

0172-4443-60

0172-4443-10

0172-4443-80

0172-4443-70

0093-4443-10

Excipients: Lactose (Monohydrate) ; Cellulose, Microcrystalline ; Polyethylene Glycol

Regulatory Status: RX

Availability: United States

Product ID 6738342

Contact: Teva Pharmaceuticals

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Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
----	-----	-----	-----	-----	-----	-----
1	Vial 1	Blank	GENSCAN	1	Sample	1.0
2	Vial 2	Coke/Codeine Std	GENSCAN	1	Sample	1.0
3	Vial 3	Blank	GENSCAN	1	Sample	1.0
4	Vial 4	██████████	GENSCAN	1	Sample	1.0
5	Vial 5	Blank	GENSCAN	1	Sample	1.0
6	Vial 6	██████████	GENSCAN	1	Sample	1.0
7	Vial 7	Blank	GENSCAN	1	Sample	1.0
8	Vial 8	██████████	GENSCAN	1	Sample	1.0
9	Vial 9	Blank	GENSCAN	1	Sample	1.0
10	Vial 10	██████████	GENSCAN	1	Sample	1.0
11	Vial 11	Blank	GENSCAN	1	Sample	1.0

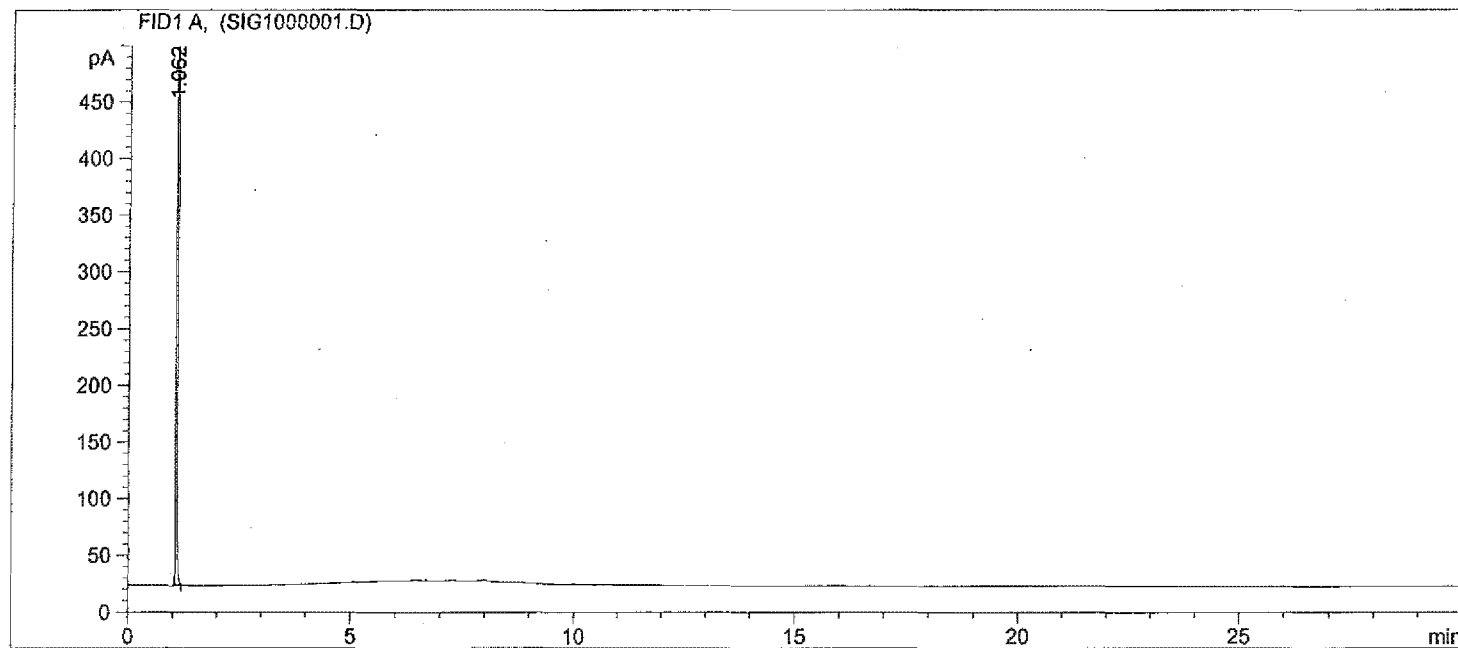
Sequence Table (Back Injector):

No entries - empty table!

Sample Name: Blank

```
=====
Acq. Operator   : ASD                      Seq. Line :    1
Acq. Instrument : DrugLab GC #2            Location  : Vial 1
Injection Date  : 8/31/2011 11:14:44 AM    Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed    : 3/9/2011 1:49:11 PM by ASD
=====
```



```
=====
                        Area Percent Report
=====
```

```
Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Sample Amount:      :      1.00000 [ng/ul]   (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.062	1	BB S	5.72019e4	5.22043e4	1.000e2

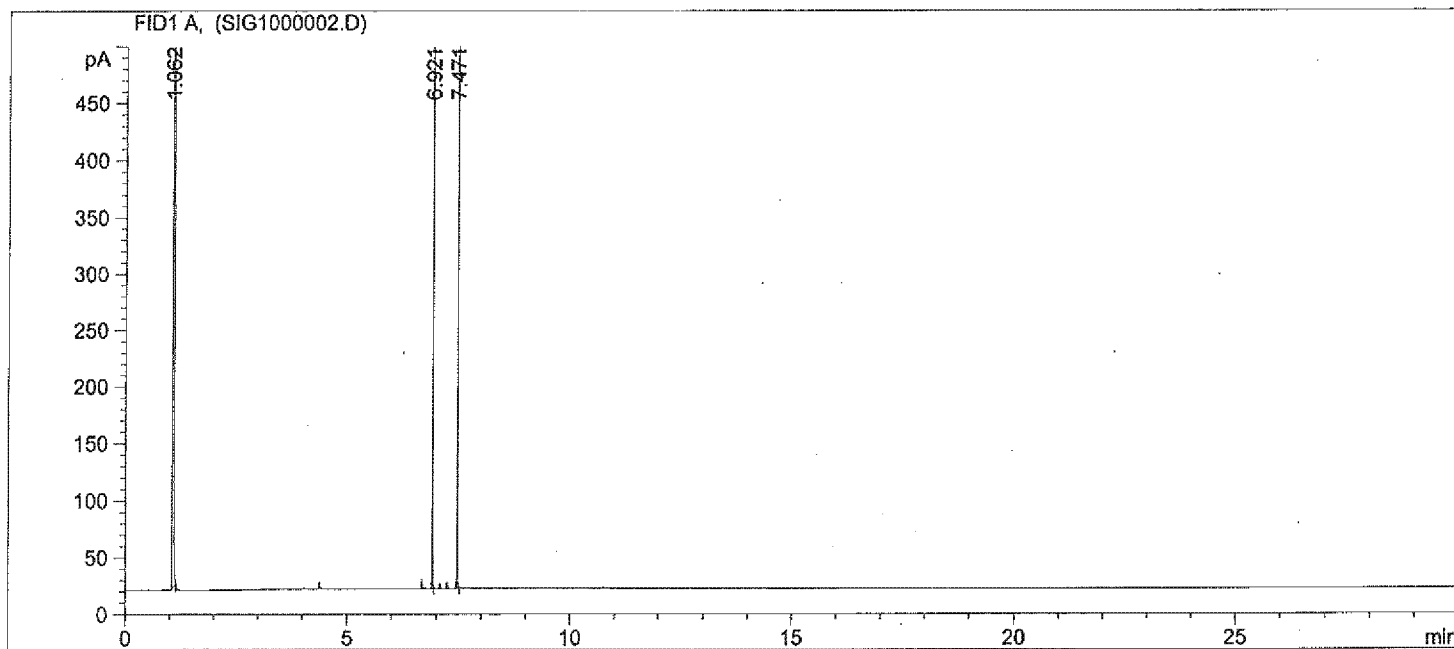
Totals : 5.72019e4 5.22043e4

```
=====
*** End of Report ***
=====
```


Sample Name: Coke/Codeine Std

```
=====
Acq. Operator   : ASD                      Seq. Line :    2
Acq. Instrument : DrugLab GC #2            Location  : Vial 2
Injection Date  : 8/31/2011 11:49:27 AM    Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed    : 3/9/2011 1:49:11 PM by ASD
=====
```



```
=====
                          Area Percent Report
=====
```

```
Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Sample Amount:       :      1.00000 [ng/ul]   (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.062	1	BB S	5.77112e4	5.33250e4	98.66110
2	6.921	1	BB	403.30124	531.31085	0.68947
3	7.471	1	BB	379.88098	479.69025	0.64943

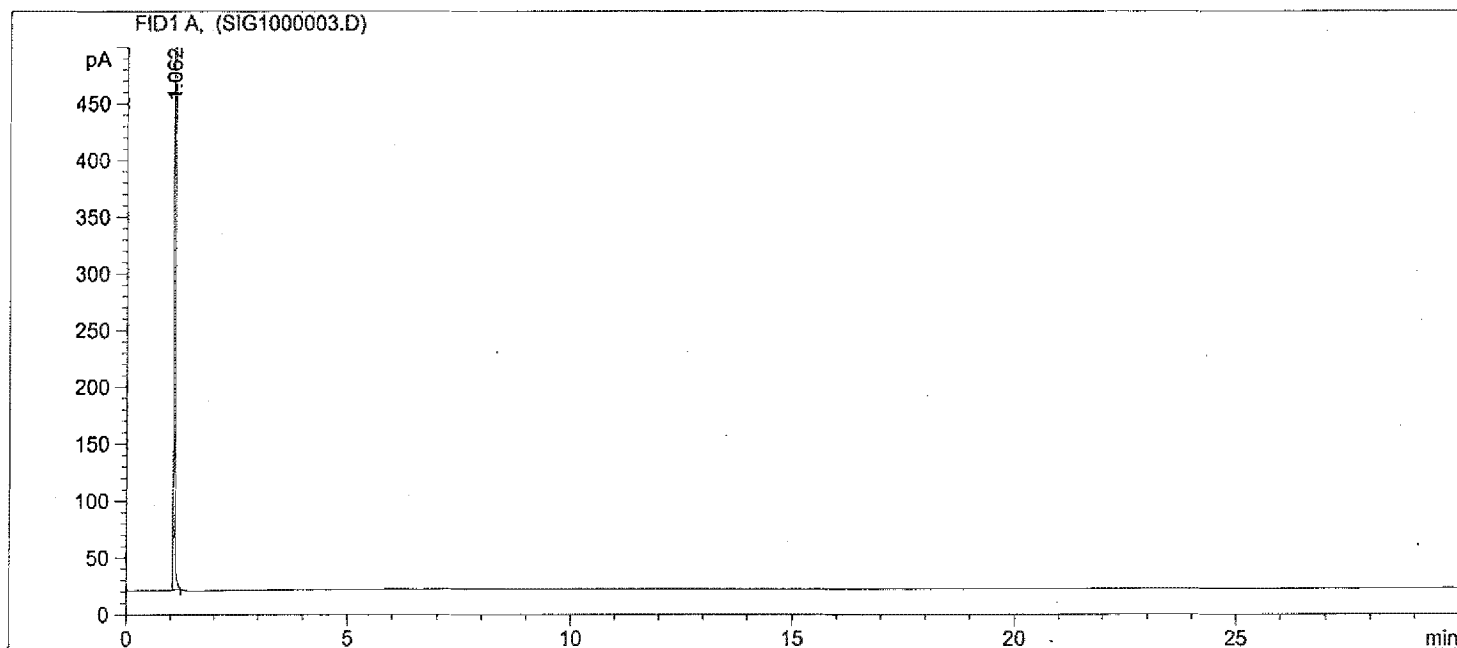
Totals : 5.84944e4 5.43360e4

```
=====
*** End of Report ***
```

Sample Name: Blank

```
=====
Acq. Operator   : ASD                      Seq. Line :    3
Acq. Instrument : DrugLab GC #2            Location  : Vial 3
Injection Date  : 8/31/2011 12:24:17 PM    Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed    : 3/9/2011 1:49:11 PM by ASD
=====
```



```
=====
                        Area Percent Report
=====
```

```
Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Sample Amount:       :      1.00000 [ng/ul]   (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.062	1	BB S	5.89751e4	5.57284e4	1.000e2

Totals : 5.89751e4 5.57284e4

```
=====
                        *** End of Report ***
=====
```

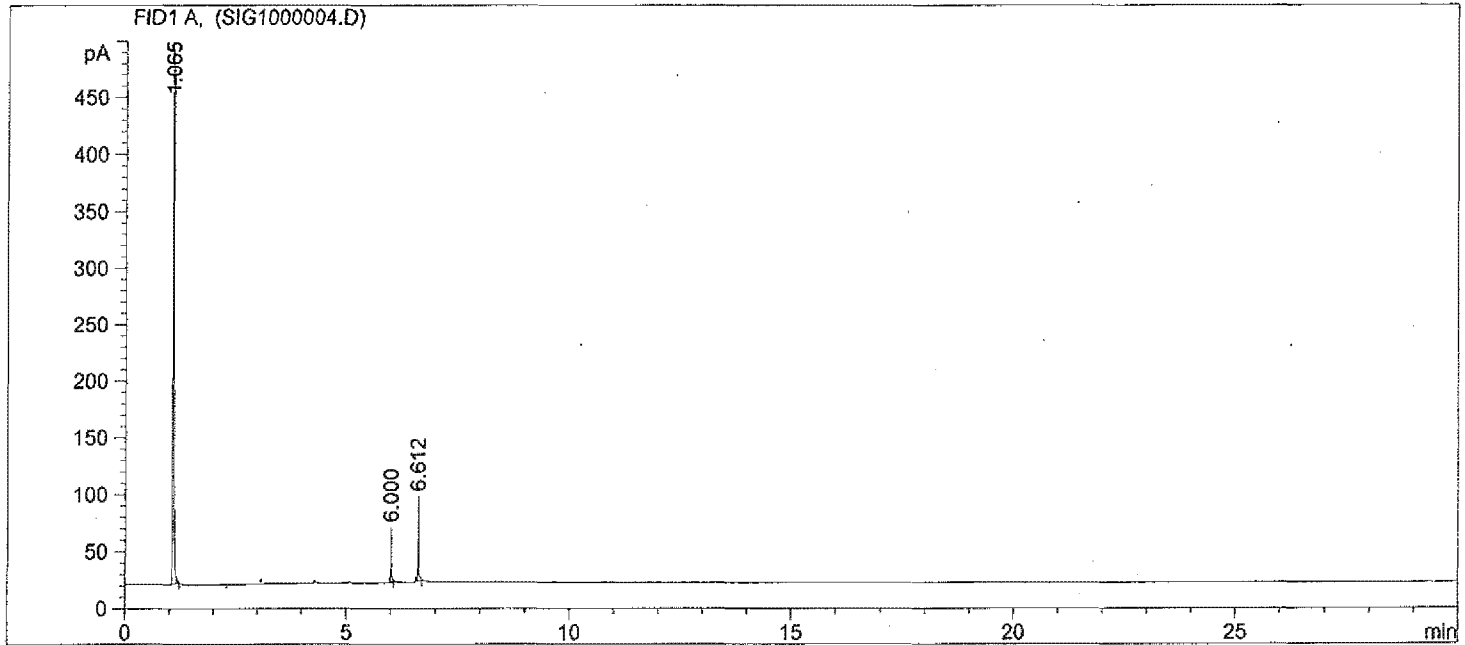
Sample Name: XXXXXXXXXX

```

=====
Acq. Operator   : ASD                      Seq. Line :    4
Acq. Instrument : DrugLab GC #2           Location  : Vial 4
Injection Date  : 8/31/2011 12:59:06 PM   Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed    : 3/9/2011 1:49:11 PM by ASD
=====

```



```

=====
                        Area Percent Report
=====

```

```

Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Sample Amount:       :      1.00000 [ng/ul]   (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs

```

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.065	1	BB S	4.62303e4	4.87146e4	99.71723
2	6.000	1	BB	54.34018	47.75171	0.11721
3	6.612	1	VB	76.75762	74.00050	0.16556

```
Totals :                4.63614e4  4.88363e4
```

```

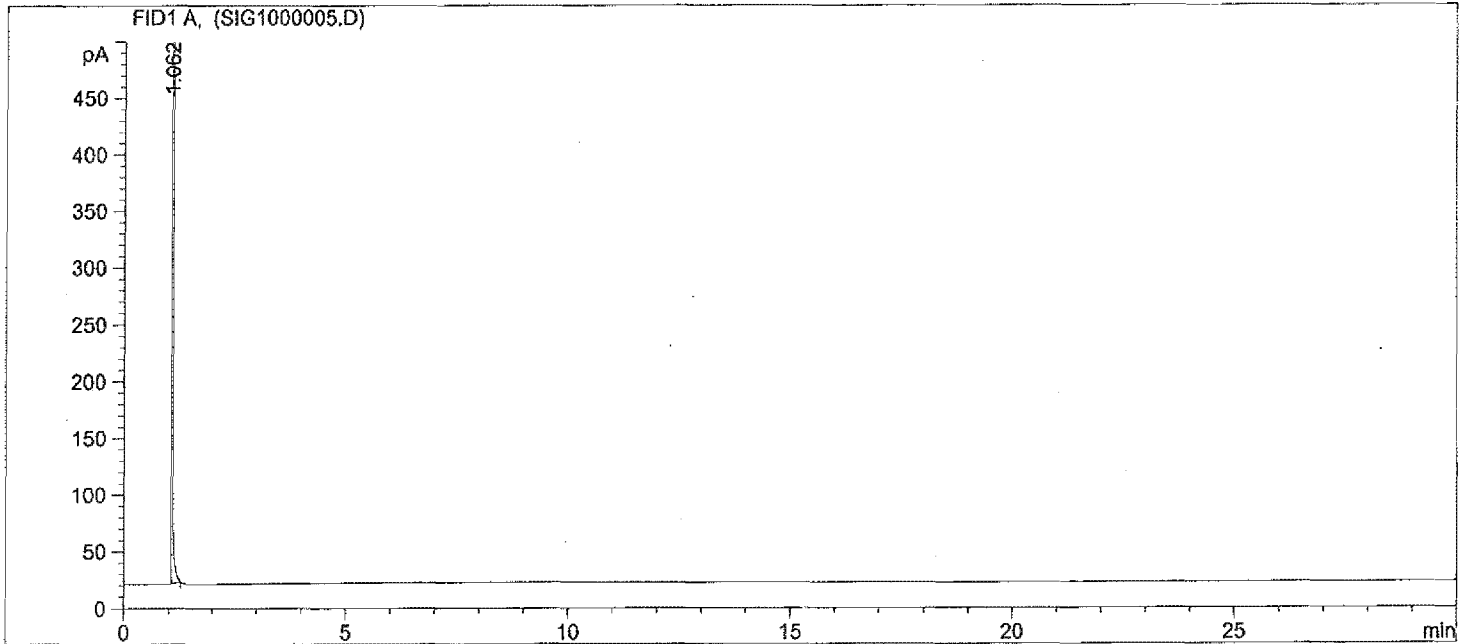
=====
                        *** End of Report ***
=====

```

Sample Name: Blank

```
=====
Acq. Operator   : ASD                      Seq. Line :    5
Acq. Instrument : DrugLab GC #2            Location  : Vial 5
Injection Date  : 8/31/2011 1:33:55 PM      Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed    : 3/9/2011 1:49:11 PM by ASD
=====
```



```
=====
                        Area Percent Report
=====
```

```
Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Sample Amount:      :      1.00000 [ng/ul]   (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.062	1	BB S	5.98988e4	5.68185e4	1.000e2

Totals : 5.98988e4 5.68185e4

```
=====
*** End of Report ***
=====
```

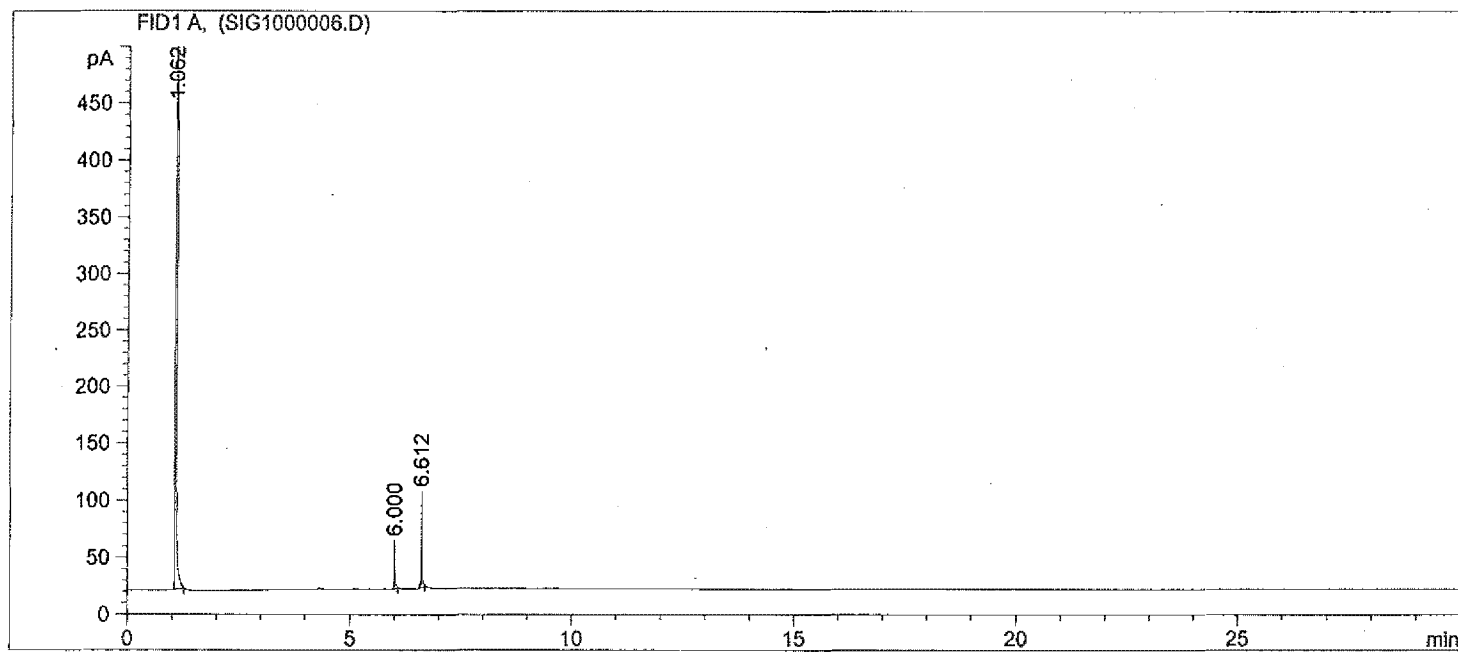
Sample Name: XXXXXXXXXX

```

=====
Acq. Operator   : ASD                      Seq. Line :    6
Acq. Instrument : DrugLab GC #2            Location  : Vial 6
Injection Date  : 8/31/2011 2:08:45 PM      Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed    : 3/9/2011 1:49:11 PM by ASD
=====

```



```

=====
                          Area Percent Report
=====

```

```

Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Sample Amount:      :      1.00000 [ng/ul]   (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs

```

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.062	1	BB S	5.63668e4	5.57624e4	99.76234
2	6.000	1	BB	51.89137	41.00683	0.09184
3	6.612	1	VB	82.39043	83.23665	0.14582

Totals : 5.65011e4 5.58867e4

```

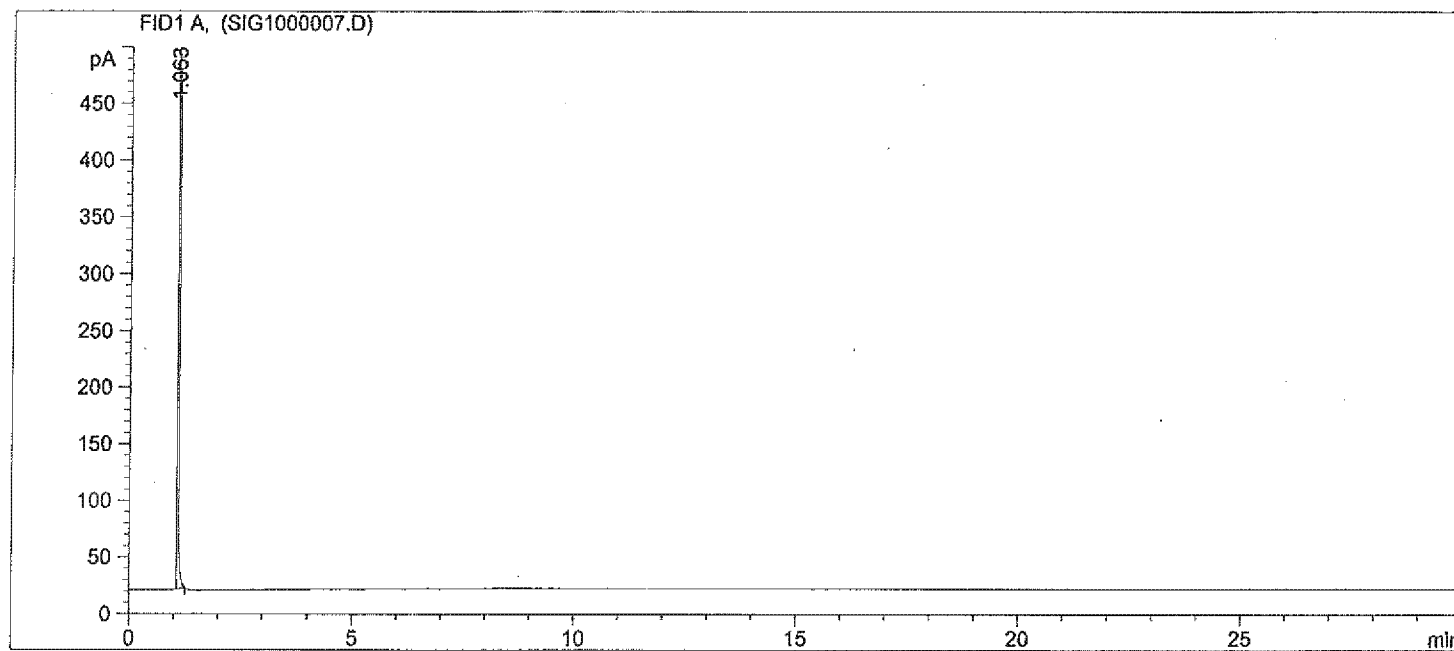
=====
*** End of Report ***

```

Sample Name: Blank

```
=====
Acq. Operator   : ASD                      Seq. Line :    7
Acq. Instrument : DrugLab GC #2             Location  : Vial 7
Injection Date  : 8/31/2011 2:43:35 PM      Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed    : 3/9/2011 1:49:11 PM by ASD
=====
```



```
=====
                        Area Percent Report
=====
```

```
Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Sample Amount:       :      1.00000 [ng/ul]   (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.063	1	BB S	6.31883e4	5.75707e4	1.000e2

Totals : 6.31883e4 5.75707e4

```
=====
*** End of Report ***
=====
```

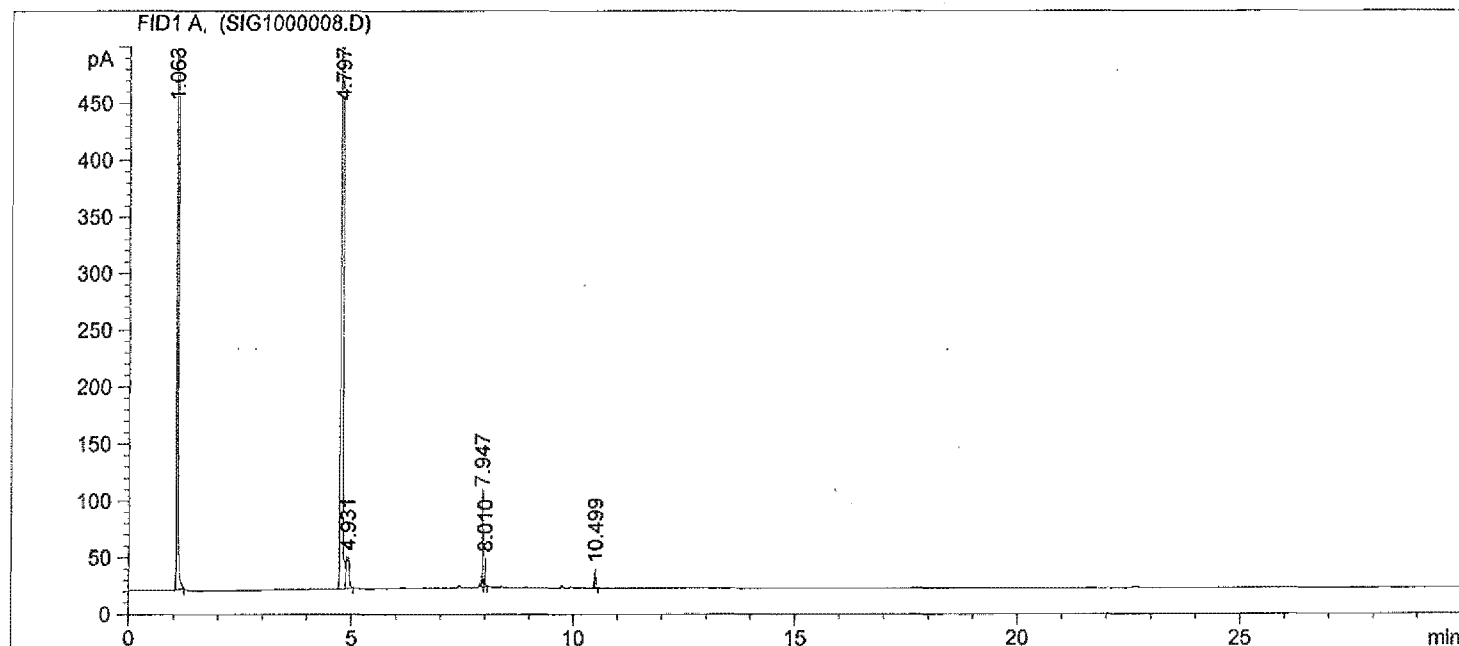
Sample Name: XXXXXXXXXX

```

=====
Acq. Operator   : ASD                      Seq. Line :    8
Acq. Instrument : DrugLab GC #2            Location  : Vial 8
Injection Date  : 8/31/2011 3:18:24 PM     Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed    : 3/9/2011 1:49:11 PM by ASD
=====

```



```

=====
                        Area Percent Report
=====

```

```

Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Sample Amount:       :      1.00000 [ng/ul]   (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs

```

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.063	1	BB S	5.81392e4	5.89850e4	94.68585
2	4.797	1	BB	2998.32910	1039.57239	4.88309
3	4.931	1	BB	126.71463	28.22244	0.20637
4	7.947	1	VB	74.62600	83.73415	0.12154
5	8.010	1	BB	28.25889	25.39233	0.04602
6	10.499	1	BB	35.08017	16.88823	0.05713

```
Totals :                6.14022e4  6.01788e4
```

```

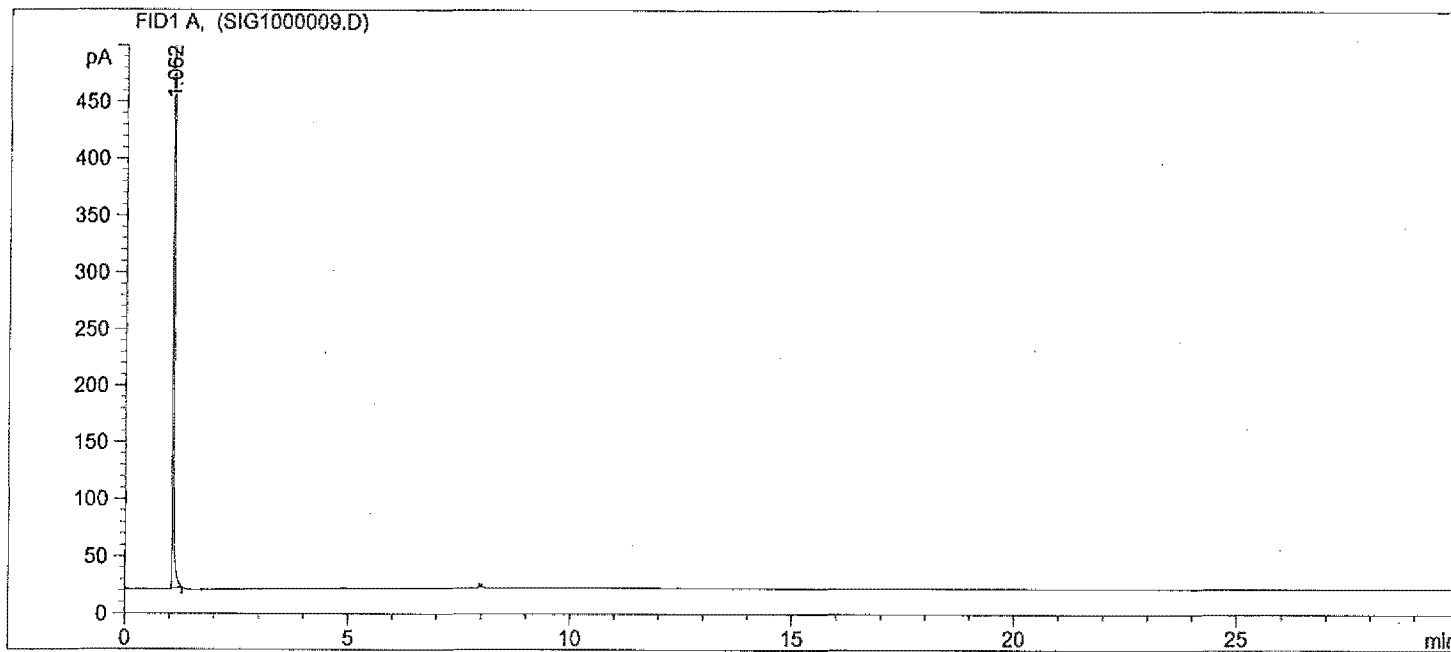
=====
*** End of Report ***

```

Sample Name: Blank

```
=====
Acq. Operator   : ASD                      Seq. Line :    9
Acq. Instrument : DrugLab GC #2             Location  : Vial 9
Injection Date  : 8/31/2011 3:53:13 PM      Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed    : 3/9/2011 1:49:11 PM by ASD
=====
```



```
=====
                        Area Percent Report
=====
```

```
Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Sample Amount:      :      1.00000 [ng/ul]   (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.062	1	BB S	5.46462e4	5.82483e4	1.000e2

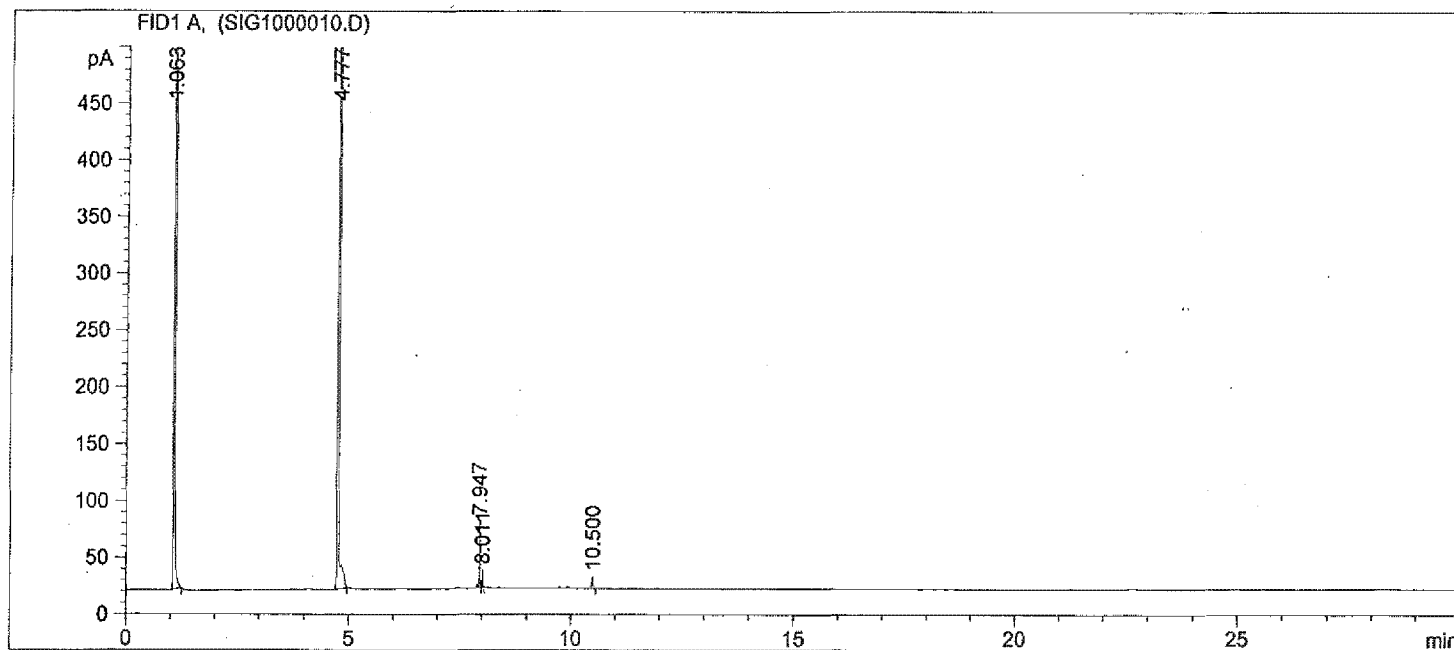
Totals : 5.46462e4 5.82483e4

```
=====
                        *** End of Report ***
=====
```


Sample Name: XXXXXXXXXX

```
=====
Acq. Operator   : ASD                      Seq. Line :   10
Acq. Instrument : DrugLab GC #2            Location  : Vial 10
Injection Date  : 8/31/2011 4:28:03 PM     Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed    : 3/9/2011 1:49:11 PM by ASD
=====
```



```
=====
                          Area Percent Report
=====
```

```
Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Sample Amount:       :      1.00000 [ng/ul]   (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.063	1	BB S	5.86294e4	5.89250e4	96.91959
2	4.777	1	BB	1768.78735	786.53101	2.92396
3	7.947	1	VB	55.12289	58.79731	0.09112
4	8.011	1	BB	16.27322	15.07630	0.02690
5	10.500	1	BB	23.24638	10.56067	0.03843

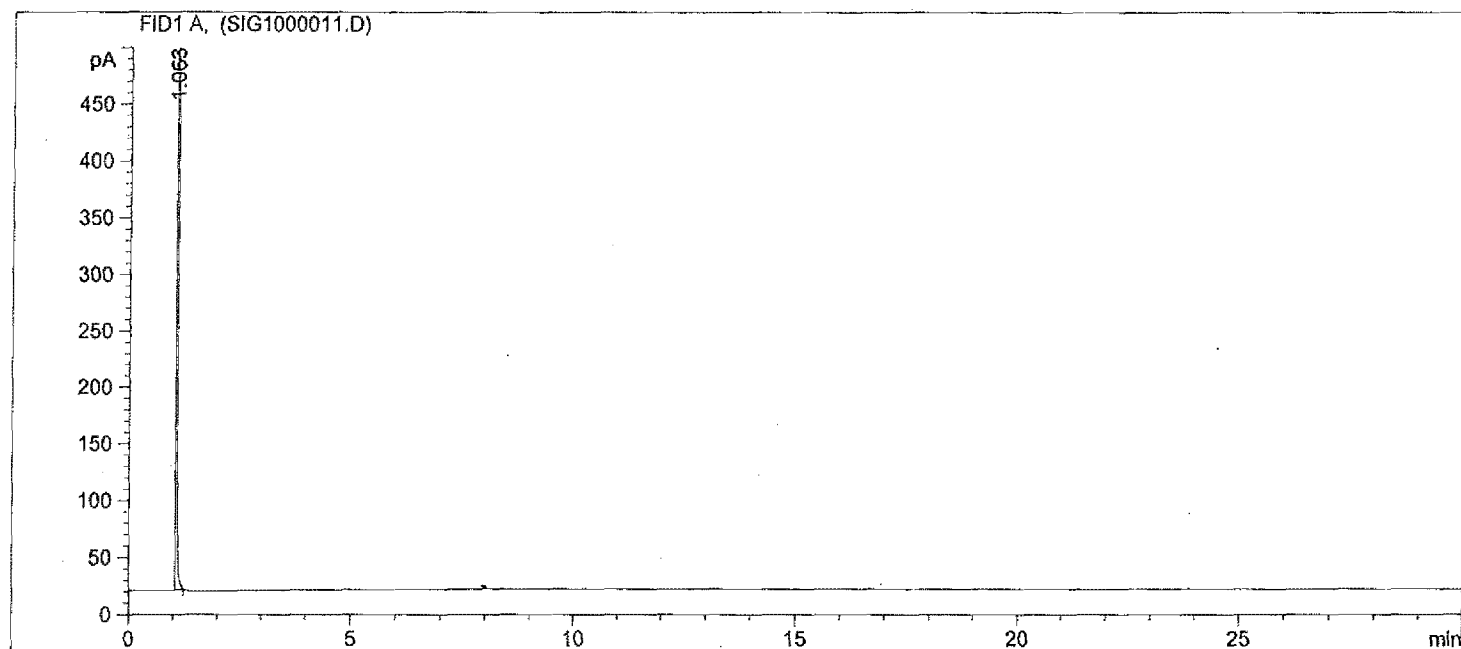
Totals : 6.04928e4 5.97959e4

```
=====
*** End of Report ***
```

Sample Name: Blank

```
=====
Acq. Operator   : ASD                      Seq. Line :   11
Acq. Instrument : DrugLab GC #2            Location  : Vial 11
Injection Date  : 8/31/2011 5:02:53 PM     Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed    : 3/9/2011 1:49:11 PM by ASD
=====
```



```
=====
                        Area Percent Report
=====
```

```
Sorted By      :      Retention Time
Multiplier:    :      1.0000
Dilution:      :      1.0000
Sample Amount: :      1.00000 [ng/ul] (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.063	1	BB S	5.77777e4	5.95097e4	1.000e2

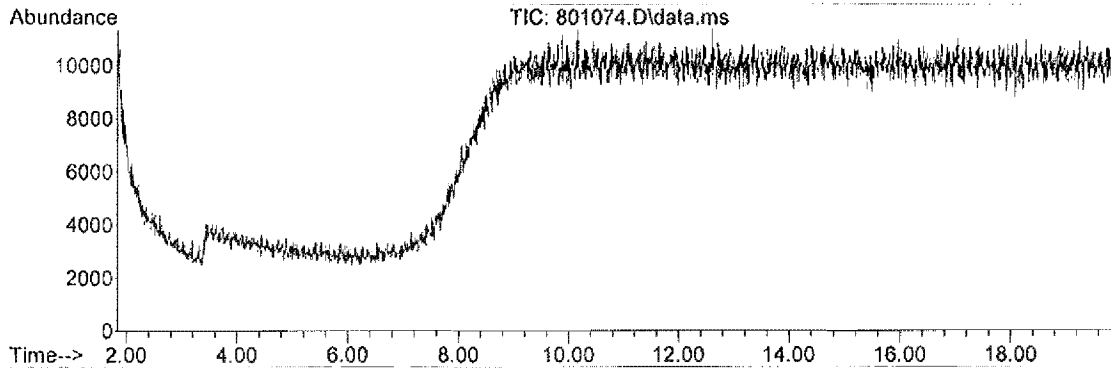
Totals : 5.77777e4 5.95097e4

```
=====
*** End of Report ***
```

✓
NEM
01-20-12

Information from Data File:

File Name : F:\Q3-2011\System7\09_14_11\801074.D
Operator : NEM
Date Acquired : 15 Sep 2011 6:58
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: GENSCAN.M
Integrator : RTE

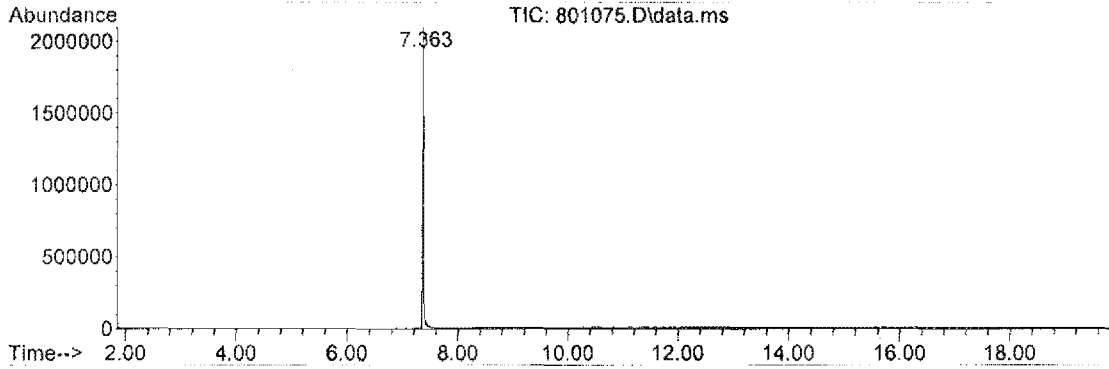


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

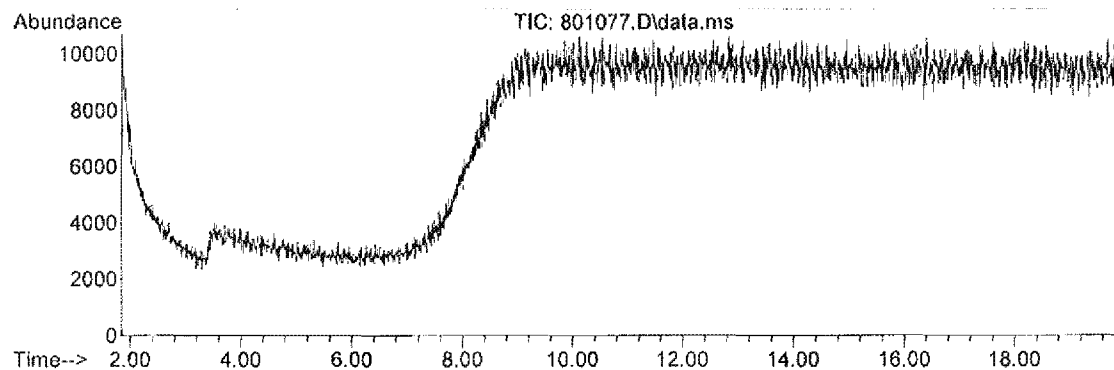
File Name : F:\Q3-2011\System7\09_14_11\801075.D
 Operator : NEM
 Date Acquired : 15 Sep 2011 7:22
 Sample Name : CLONIDINE STD PREP 9-9-2011
 Submitted by :
 Vial Number : 75
 AcquisitionMeth: GENSCAN.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
7.363	2592278	100.00	100.00

Information from Data File:

File Name : F:\Q3-2011\System7\09_14_11\801077.D
Operator : NEM
Date Acquired : 15 Sep 2011 8:10
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: GENSCAN.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

NO INTEGRATED PEAKS

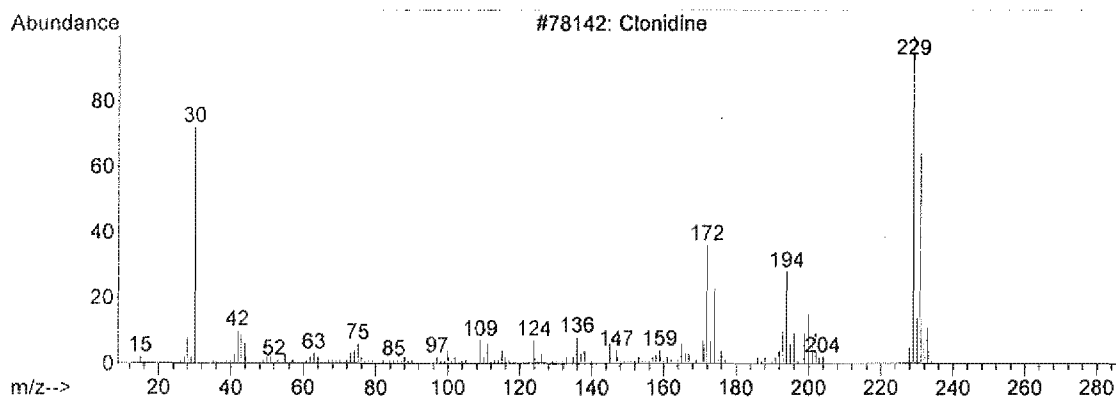
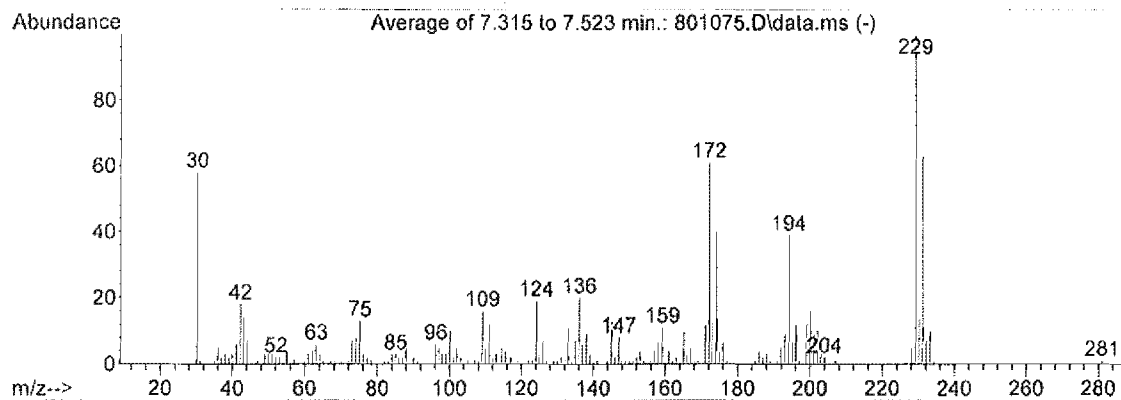
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2011\System7\09_14_11\801075.D
 Operator : NEM
 Date Acquired : 15 Sep 2011 7:22
 Sample Name : CLONIDINE STD PREP 9-9-2011
 Submitted by :
 Vial Number : 75
 AcquisitionMeth: GENSCAN.M
 Integrator : RTE

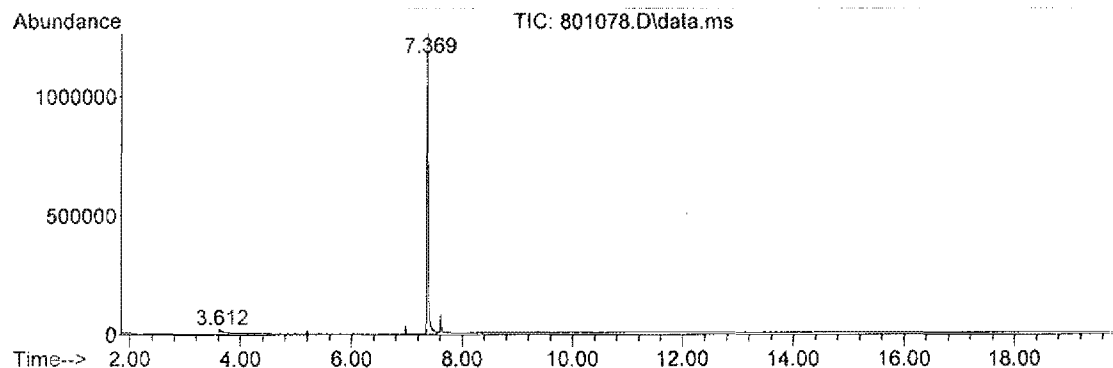
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	7.36	C:\Database\NIST05a.L		
		Clonidine	004205-90-7	98
		Clonidine	004205-90-7	94
		Clonidine	004205-90-7	91



Information from Data File:

File Name : F:\Q3-2011\System7\09_14_11\801078.D
Operator : NEM
Date Acquired : 15 Sep 2011 8:33
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 78
AcquisitionMeth: GENSCAN.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.612	112535	4.49	4.70
7.369	2392946	95.51	100.00

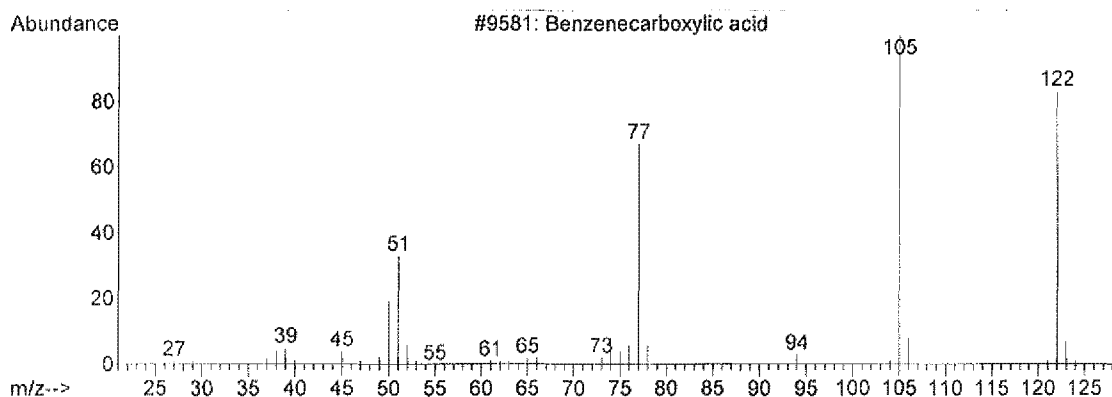
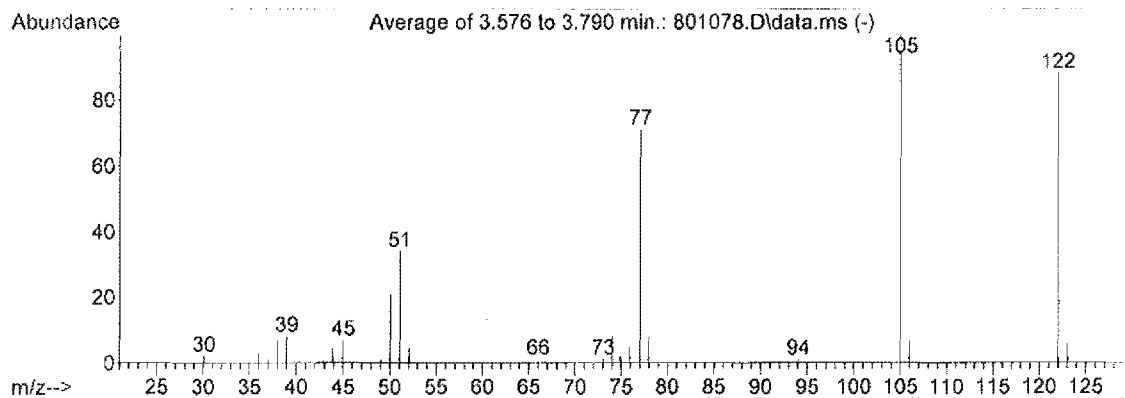
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2011\System7\09_14_11\801078.D
 Operator : NEM
 Date Acquired : 15 Sep 2011 8:33
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 78
 AcquisitionMeth: GENSCAN.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	3.61	C:\Database\NIST05a.L		
		Benzenecarboxylic acid	000065-85-0	91
		Benzenecarboxylic acid	000065-85-0	91
		Heptanediamide, N,N'-di-benzoyloxy-	1000253-26-4	83



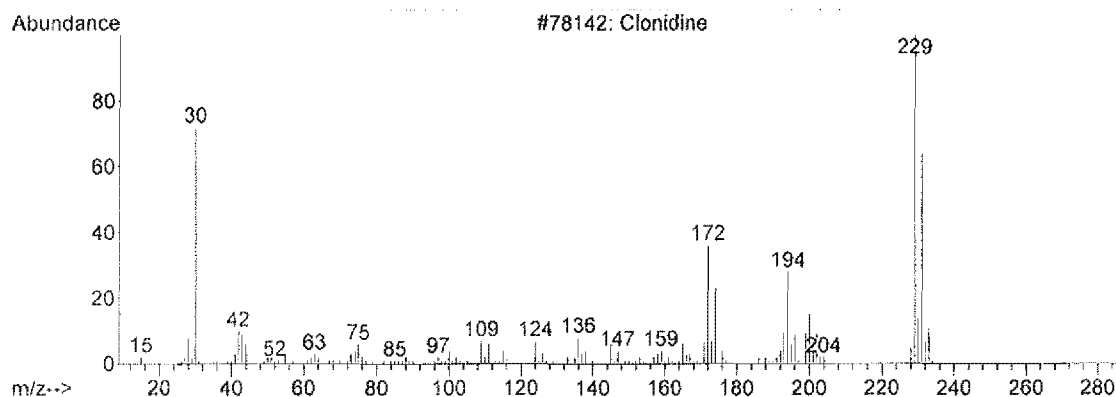
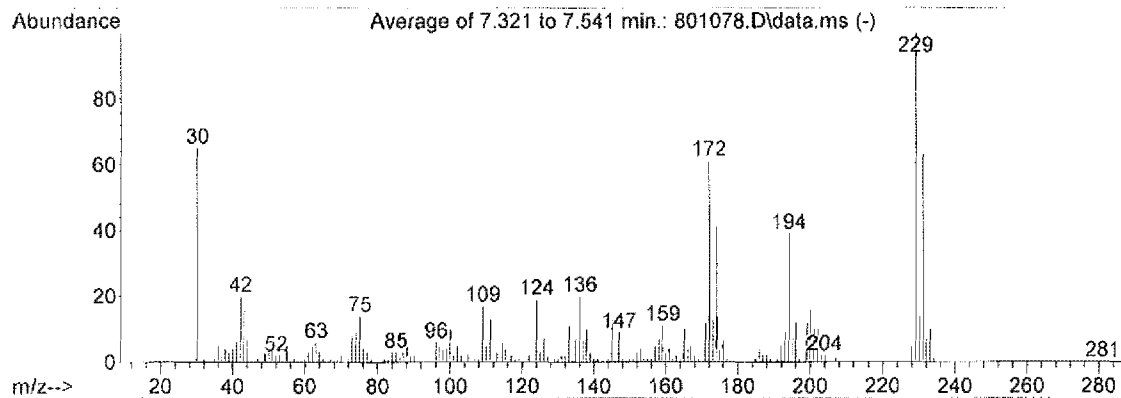
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2011\System7\09_14_11\801078.D
 Operator : NEM
 Date Acquired : 15 Sep 2011 8:33
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 78
 AcquisitionMeth: GENSCAN.M
 Integrator : RTE

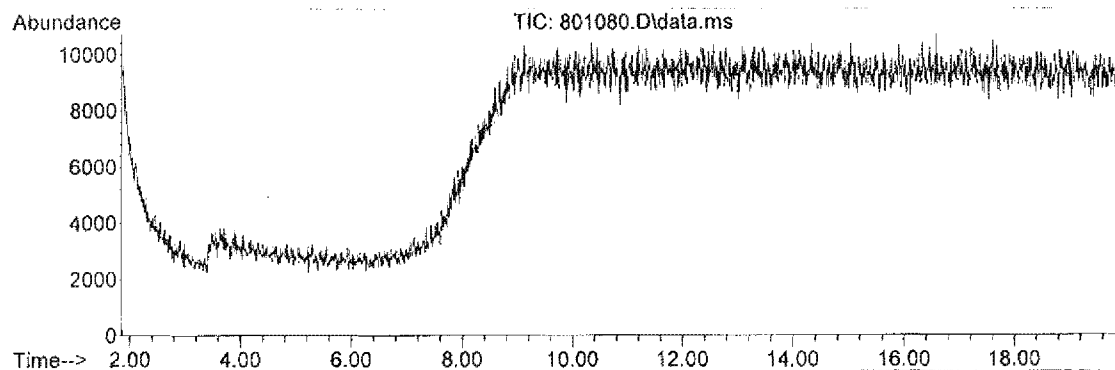
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	7.37	C:\Database\NIST05a.L		
		Clonidine	004205-90-7	98
		Clonidine	004205-90-7	95
		Clonidine	004205-90-7	78



Information from Data File:

File Name : F:\Q3-2011\System7\09_14_11\801080.D
Operator : NEM
Date Acquired : 15 Sep 2011 9:21
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: GENSCAN.M
Integrator : RTE



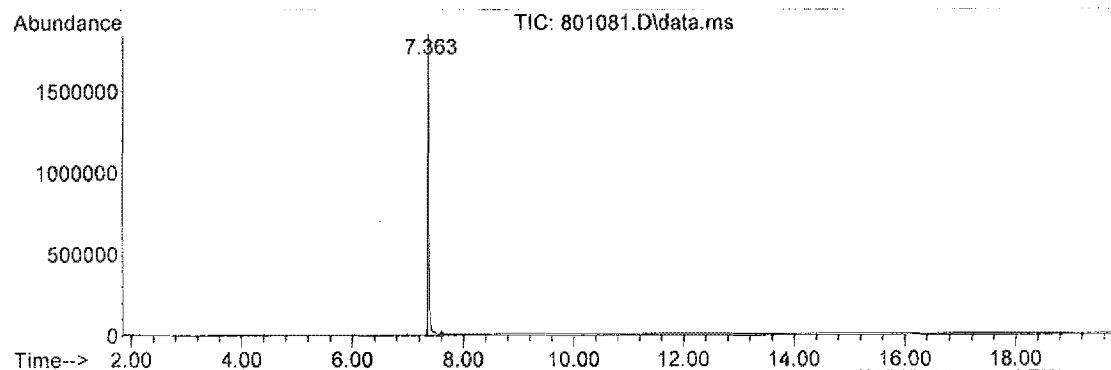
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2011\System7\09_14_11\801081.D
 Operator : NEM
 Date Acquired : 15 Sep 2011 9:45
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 81
 AcquisitionMeth: GENSCAN.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
7.363	2752900	100.00	100.00

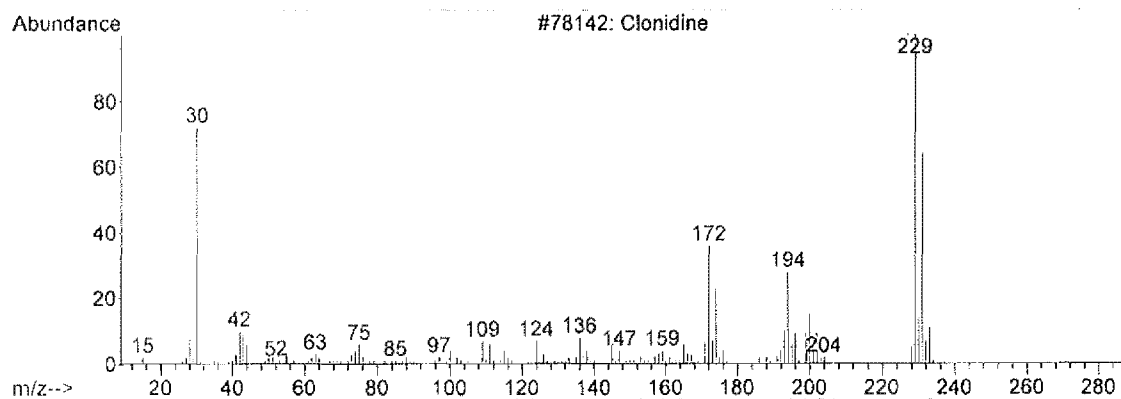
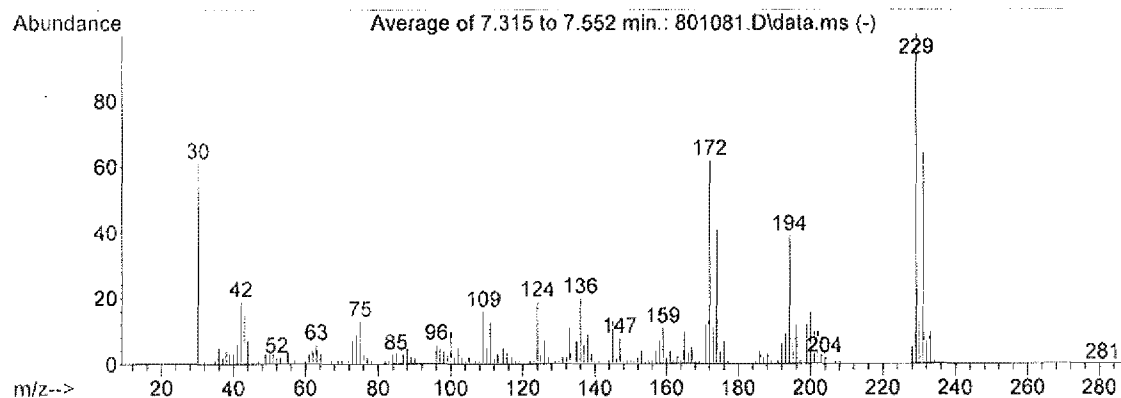
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2011\System7\09_14_11\801081.D
 Operator : NEM
 Date Acquired : 15 Sep 2011 9:45
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 81
 AcquisitionMeth: GENSCAN.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

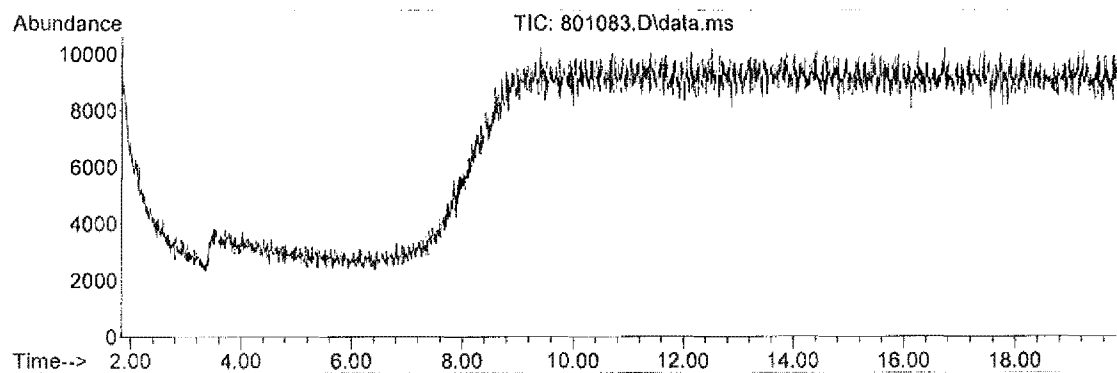
PK#	RT	Library/ID	CAS#	Qual
1	7.36	C:\Database\NIST05a.L		
		Clonidine	004205-90-7	98
		Clonidine	004205-90-7	91
		Clonidine	004205-90-7	78



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2011\System7\09_14_11\801083.D
 Operator : NEM
 Date Acquired : 15 Sep 2011 10:33
 Sample Name : BLANK
 Submitted by :
 Vial Number : 2
 AcquisitionMeth: GENSCAN.M
 Integrator : RTE

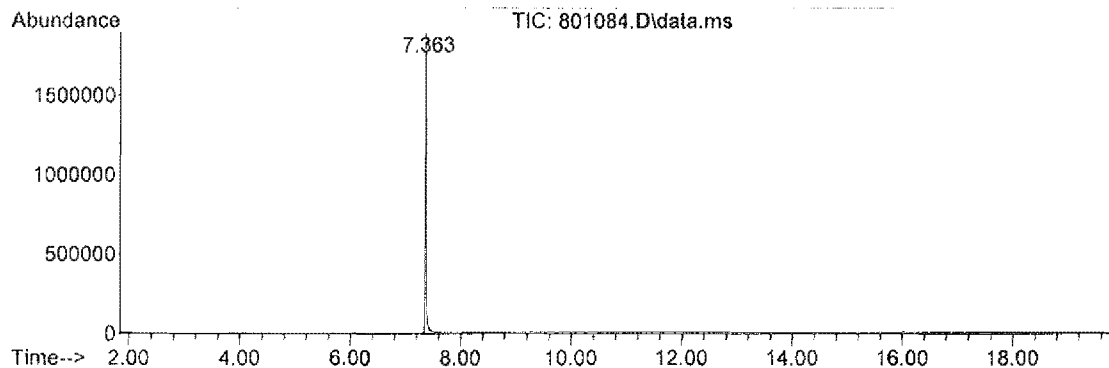


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q3-2011\System7\09_14_11\801084.D
Operator : NEM
Date Acquired : 15 Sep 2011 10:57
Sample Name : CLONIDINE STD PREP 9-9-2011
Submitted by :
Vial Number : 75
AcquisitionMeth: GENSCAN.M
Integrator : RTE



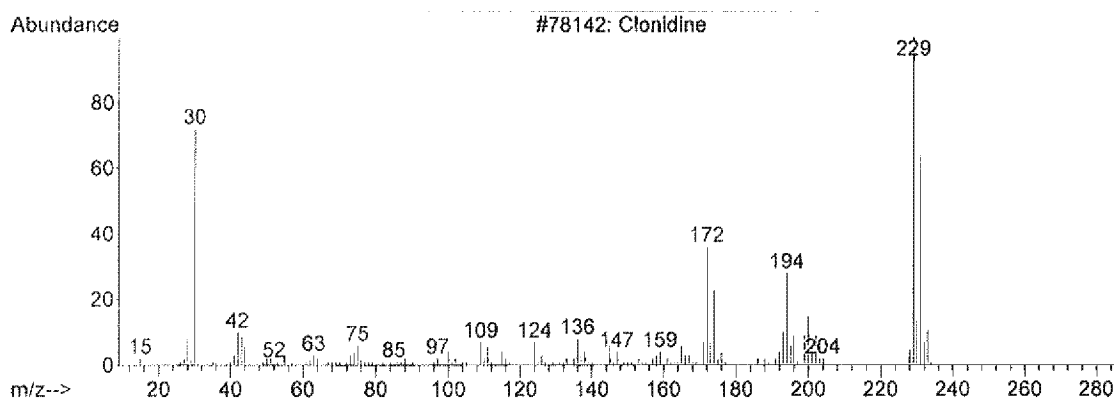
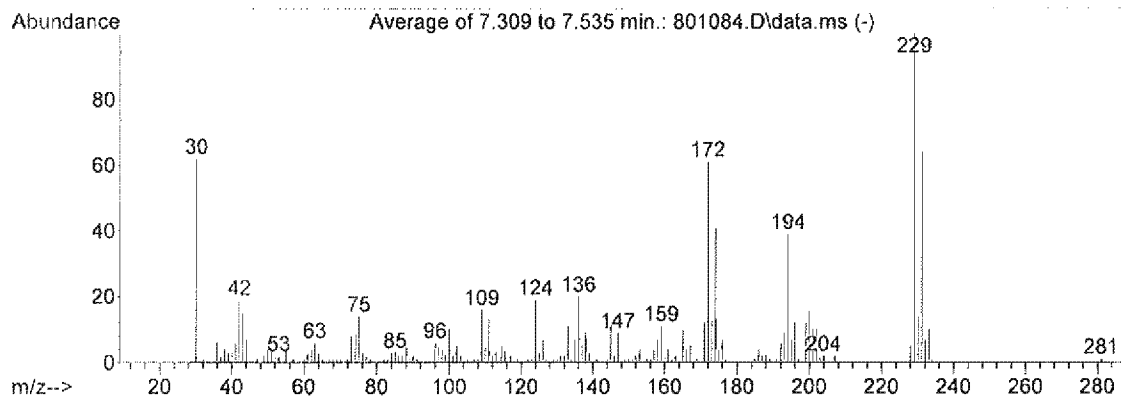
Ret. Time	Area	Area %	Ratio %
7.363	2312206	100.00	100.00

Information from Data File:

File Name : F:\Q3-2011\System7\09_14_11\801084.D
Operator : NEM
Date Acquired : 15 Sep 2011 10:57
Sample Name : CLONIDINE STD PREP 9-9-2011
Submitted by :
Vial Number : 75
AcquisitionMeth: GENSCAN.M
Integrator : RTE

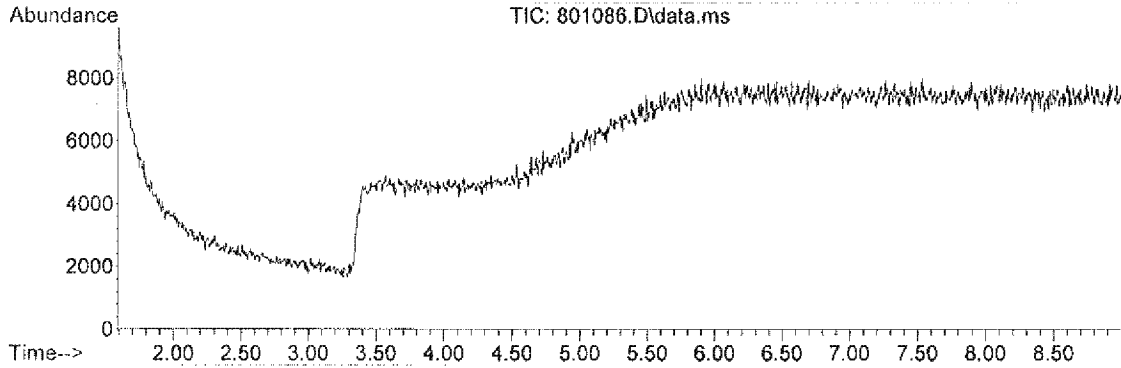
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	7.36	C:\Database\NIST05a.L		
		Clonidine	004205-90-7	98
		Clonidine	004205-90-7	90
		Clonidine	004205-90-7	78



Information from Data File:

File Name : F:\Q3-2011\System7\09_14_11\801086.D
Operator : NEM
Date Acquired : 15 Sep 2011 11:43
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: MDMA.M
Integrator : RTE

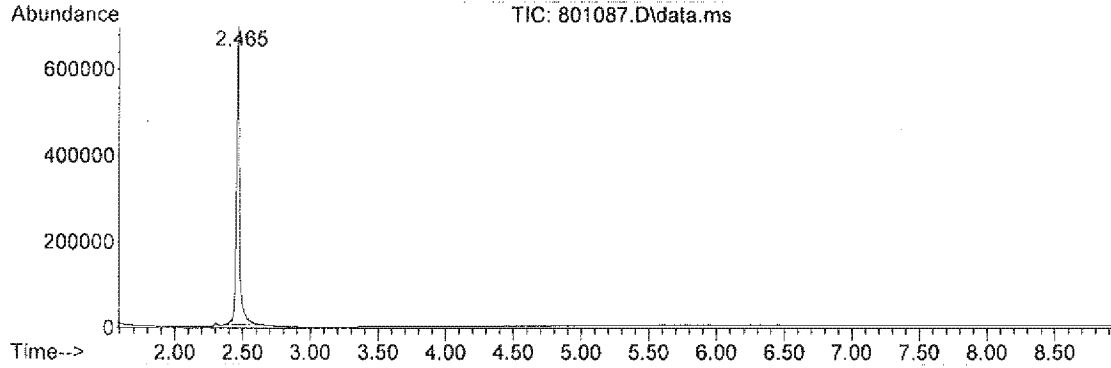


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q3-2011\System7\09_14_11\801087.D
Operator : NEM
Date Acquired : 15 Sep 2011 13:11
Sample Name : GABAPENTIN STD
Submitted by :
Vial Number : 87
AcquisitionMeth: MDMA.M
Integrator : RTE



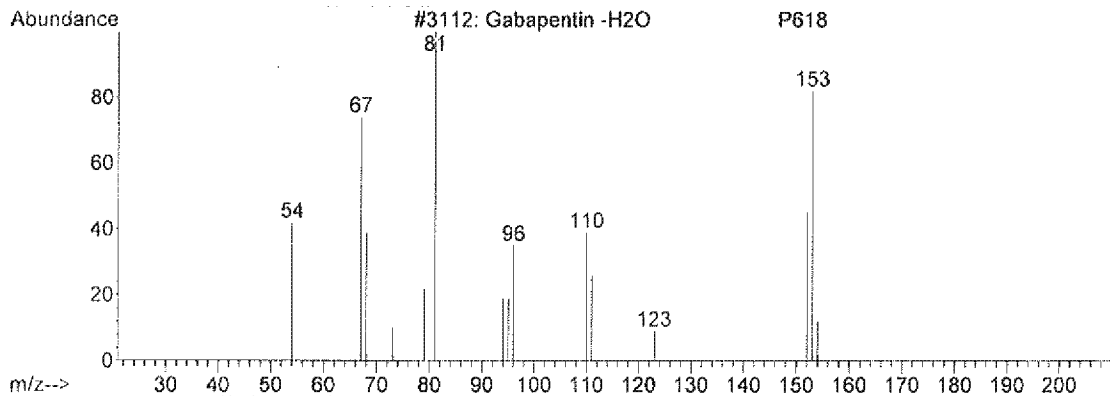
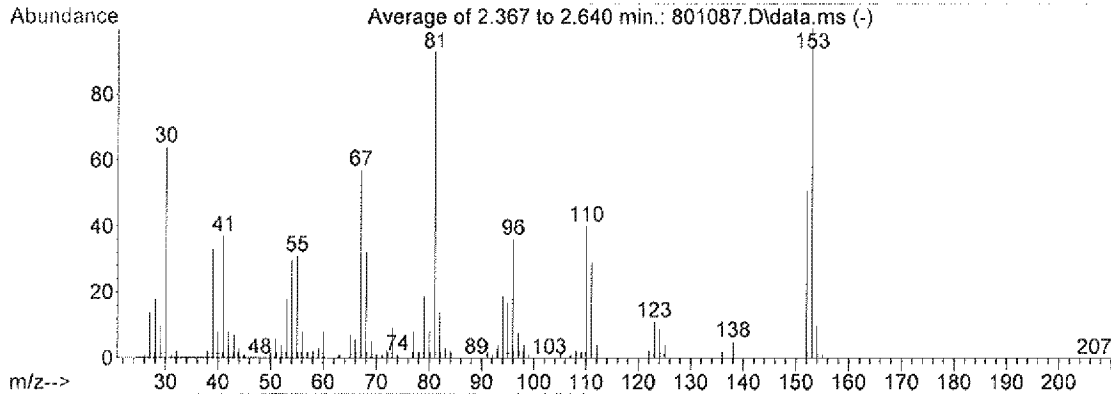
Ret. Time	Area	Area %	Ratio %
2.465	1106473	100.00	100.00

Information from Data File:

File Name : F:\Q3-2011\System7\09_14_11\801087.D
Operator : NEM
Date Acquired : 15 Sep 2011 13:11
Sample Name : GABAPENTIN STD
Submitted by :
Vial Number : 87
AcquisitionMeth: MDMA.M
Integrator : RTE

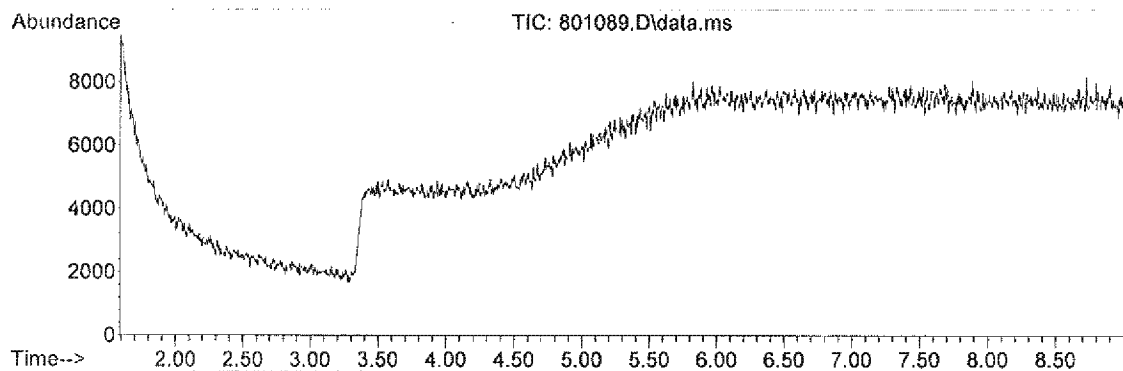
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.47	C:\Database\PMW_TOX2.L		
		Gabapentin -H2O	000000-00-0	97
		Lenacil	002164-08-1	12
		Chlormezanone	000080-77-3	2



Information from Data File:

File Name : F:\Q3-2011\System7\09_14_11\801089.D
Operator : NEM
Date Acquired : 15 Sep 2011 13:34
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: MDMA.M
Integrator : RTE

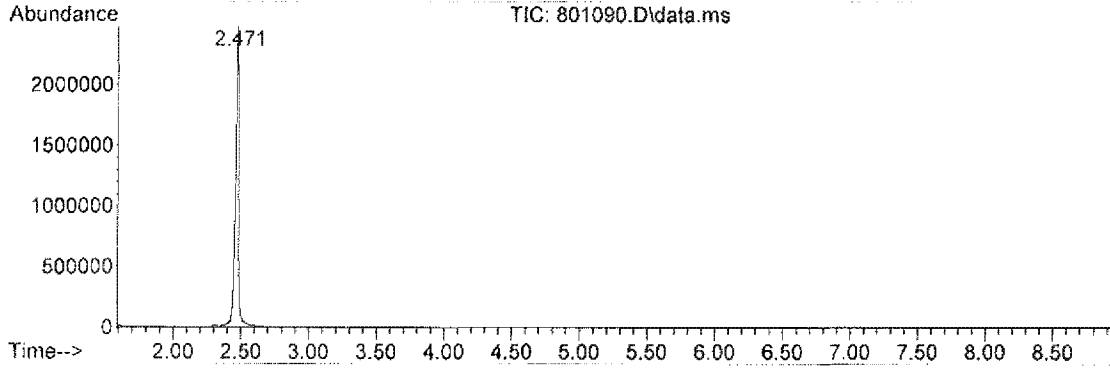


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q3-2011\System7\09_14_11\801090.D
Operator : NEM
Date Acquired : 15 Sep 2011 13:45
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 90
AcquisitionMeth: MDMA.M
Integrator : RTE



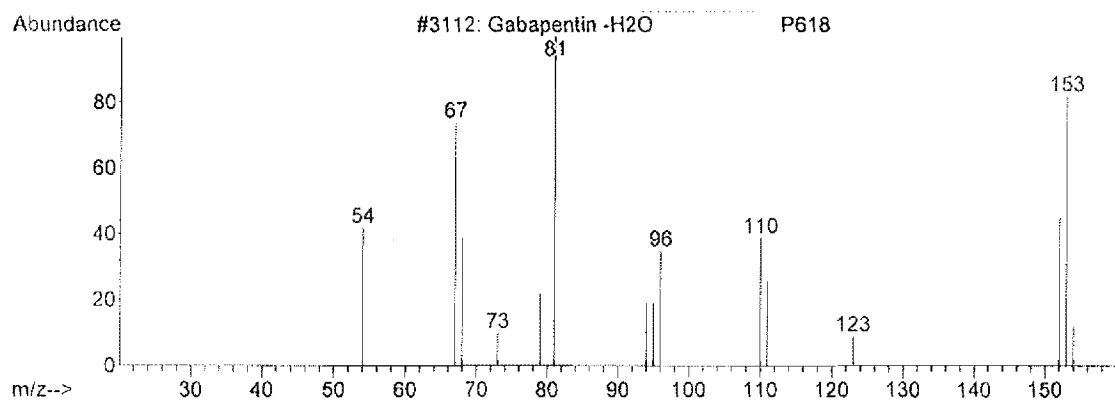
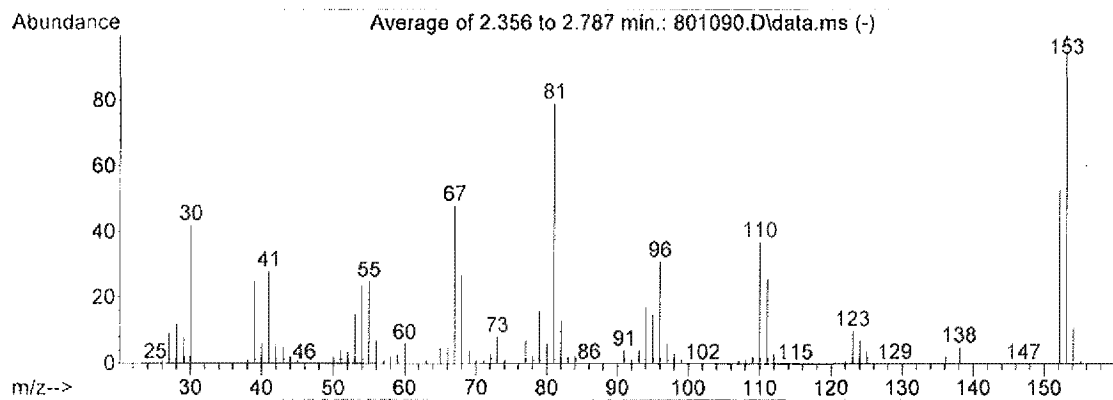
Ret. Time	Area	Area %	Ratio %
2.471	4191550	100.00	100.00

Information from Data File:

File Name : F:\Q3-2011\System7\09_14_11\801090.D
Operator : NEM
Date Acquired : 15 Sep 2011 13:45
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 90
AcquisitionMeth: MDMA.M
Integrator : RTE

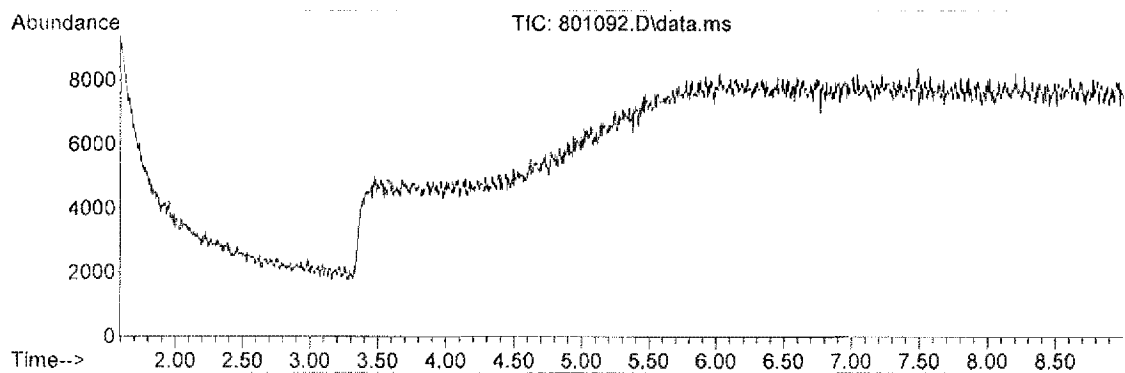
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.47	C:\Database\PMW_TOX2.L		
		Gabapentin -H2O	000000-00-0	97
		Lenacil	002164-08-1	12
		Chlormezanone artifact	000000-00-0	1



Information from Data File:

File Name : F:\Q3-2011\System7\09_14_11\801092.D
Operator : NEM
Date Acquired : 15 Sep 2011 14:08
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: MDMA.M
Integrator : RTE

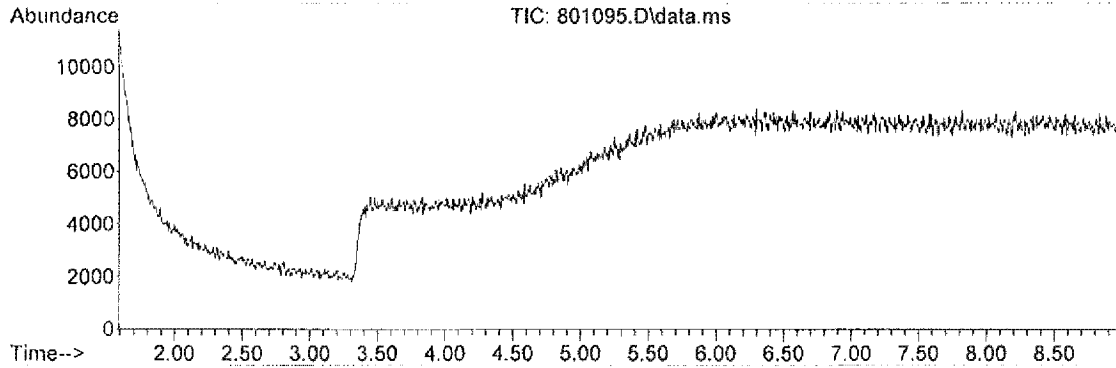


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q3-2011\System7\09_14_11\801095.D
Operator : NEM
Date Acquired : 15 Sep 2011 14:43
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: MDMA.M
Integrator : RTE

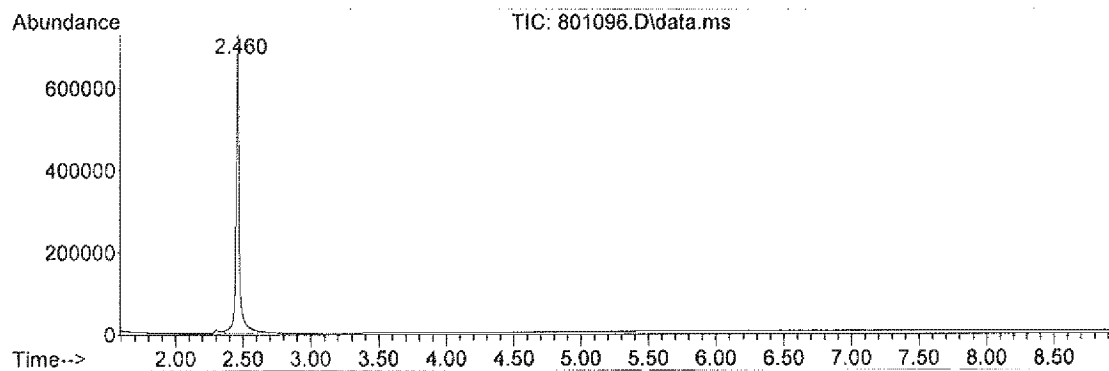


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q3-2011\System7\09_14_11\801096.D
Operator : NEM
Date Acquired : 15 Sep 2011 14:54
Sample Name : GABAPENTIN STD
Submitted by :
Vial Number : 87
AcquisitionMeth: MDMA.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.460	1201929	100.00	100.00

Information from Data File:

File Name : F:\Q3-2011\System7\09_14_11\801096.D
Operator : NEM
Date Acquired : 15 Sep 2011 14:54
Sample Name : GABAPENTIN STD
Submitted by :
Vial Number : 87
AcquisitionMeth: MDMA.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.46	C:\Database\PMW_TOX2.L		
		Gabapentin -H2O	000000-00-0	96
		Lenacil	002164-08-1	8

